

.224 Dia., 55 Gr. FMJBT

POINT BLANK RANGE COMPUTED FOR 2.5 INCHES ABOVE AND BELOW LINE OF SIGHT

RANGE	YARDS	MUZZLE	50	100	150	200	250	300	400	500
MAXIMUM POINT BLANK RANGE IS 345 YARDS. SET ZERO AT 295 YARDS.										
VELOCITY FPS		4100	3873	3658	3453	3258	3072	2883	2513	2162
ENERGY FT-LB		2052	1831	1633	1456	1296	1153	1015	771	570
DROP INCHES		.00	-.26	-1.11	-2.60	-4.82	-7.86	-11.82	-23.04	-39.79
BULLET PATH	(100 YDS)	-1.50	-.46	.00	-.19	-1.11	-2.84	-5.50	-14.10	-28.25
INCHES	(150 YDS)	-1.50	-.40	.13	.00	-.85	-2.53	-5.12	-13.60	-27.62
(ZERO RANGE)	(200 YDS)	-1.50	-.18	.55	.64	.00	-1.46	-3.84	-11.89	-25.48
	(250 YDS)	-1.50	.11	1.14	1.52	1.17	.00	-2.09	-9.55	-22.57
MPBR ZERO	(295 YDS)	-1.50	.42	1.76	2.45	2.41	1.56	-.22	-7.07	-19.46
WIND DRIFT	(10 MPH)	.00	.19	.76	1.75	3.18	5.09	7.51	14.25	24.00
INCHES	(20 MPH)	.00	.37	1.52	3.50	6.36	10.17	15.02	28.49	48.00

MAXIMUM POINT BLANK RANGE IS 340 YARDS. SET ZERO AT 290 YARDS.										
VELOCITY FPS		4000	3778	3567	3367	3177	2994	2800	2436	2088
ENERGY FT-LB		1953	1743	1554	1384	1232	1094	957	724	532
DROP INCHES		.00	-.28	-1.16	-2.73	-5.07	-8.27	-12.43	-24.26	-41.99
BULLET PATH	(100 YDS)	-1.50	-.45	.00	-.24	-1.24	-3.10	-5.94	-15.10	-30.17
INCHES	(150 YDS)	-1.50	-.37	.16	.00	-.92	-2.71	-5.47	-14.47	-29.38
(ZERO RANGE)	(200 YDS)	-1.50	-.14	.62	.69	.00	-1.55	-4.08	-12.62	-27.07
	(250 YDS)	-1.50	.18	1.24	1.63	1.24	.00	-2.22	-10.14	-23.96
MPBR ZERO	(290 YDS)	-1.50	.47	1.82	2.50	2.41	1.46	-.47	-7.81	-21.05
WIND DRIFT	(10 MPH)	.00	.19	.78	1.80	3.27	5.23	7.75	14.76	24.96
INCHES	(20 MPH)	.00	.38	1.57	3.60	6.54	10.46	15.49	29.53	49.92

MAXIMUM POINT BLANK RANGE IS 330 YARDS. SET ZERO AT 280 YARDS.										
VELOCITY FPS		3900	3683	3477	3281	3095	2906	2716	2357	2015
ENERGY FT-LB		1857	1656	1476	1315	1169	1031	901	678	495
DROP INCHES		.00	-.29	-1.23	-2.88	-5.33	-8.70	-13.10	-25.60	-44.41
BULLET PATH	(100 YDS)	-1.50	-.43	.00	-.29	-1.38	-3.39	-6.42	-16.20	-32.28
INCHES	(150 YDS)	-1.50	-.33	.19	.00	-1.00	-2.91	-5.84	-15.43	-31.32
(ZERO RANGE)	(200 YDS)	-1.50	-.08	.69	.75	.00	-1.66	-4.34	-13.43	-28.82
	(250 YDS)	-1.50	.25	1.36	1.74	1.33	.00	-2.36	-10.78	-25.51
MPBR ZERO	(280 YDS)	-1.50	.48	1.81	2.43	2.24	1.14	-.98	-8.95	-23.22
WIND DRIFT	(10 MPH)	.00	.20	.80	1.85	3.36	5.39	8.02	15.33	26.02
INCHES	(20 MPH)	.00	.39	1.61	3.70	6.73	10.78	16.03	30.67	52.04

MAXIMUM POINT BLANK RANGE IS 320 YARDS. SET ZERO AT 275 YARDS.										
VELOCITY FPS		3800	3588	3387	3195	3012	2819	2633	2277	1941
ENERGY FT-LB		1763	1572	1401	1247	1108	970	846	633	460
DROP INCHES		.00	-.31	-1.29	-3.03	-5.62	-9.17	-13.82	-27.06	-47.07
BULLET PATH	(100 YDS)	-1.50	-.41	.00	-.34	-1.54	-3.70	-6.95	-17.40	-34.61
INCHES	(150 YDS)	-1.50	-.30	.23	.00	-1.08	-3.12	-6.26	-16.48	-33.46
(ZERO RANGE)	(200 YDS)	-1.50	-.03	.77	.81	.00	-1.77	-4.64	-14.32	-30.76
	(250 YDS)	-1.50	.33	1.48	1.87	1.42	.00	-2.51	-11.48	-27.22
MPBR ZERO	(275 YDS)	-1.50	.53	1.88	2.48	2.22	1.01	-1.30	-9.87	-25.20
WIND DRIFT	(10 MPH)	.00	.20	.83	1.91	3.47	5.58	8.32	15.97	27.19
INCHES	(20 MPH)	.00	.41	1.66	3.81	6.93	11.15	16.64	31.95	54.38

MAXIMUM POINT BLANK RANGE IS 315 YARDS. SET ZERO AT 270 YARDS.										
VELOCITY FPS		3700	3493	3296	3109	2922	2731	2549	2196	1868
ENERGY FT-LB		1671	1490	1327	1180	1042	911	793	589	426
DROP INCHES		.00	-.32	-1.36	-3.20	-5.93	-9.69	-14.61	-28.67	-50.01
BULLET PATH	(100 YDS)	-1.50	-.39	.00	-.41	-1.71	-4.03	-7.52	-18.73	-37.20
INCHES	(150 YDS)	-1.50	-.26	.27	.00	-1.17	-3.36	-6.71	-17.64	-35.84
(ZERO RANGE)	(200 YDS)	-1.50	.03	.86	.88	.00	-1.90	-4.96	-15.30	-32.92
	(250 YDS)	-1.50	.41	1.61	2.01	1.52	.00	-2.68	-12.27	-29.13
MPBR ZERO	(270 YDS)	-1.50	.58	1.96	2.53	2.20	.86	-1.66	-10.90	-27.42
WIND DRIFT	(10 MPH)	.00	.21	.85	1.96	3.58	5.79	8.66	16.69	28.49
INCHES	(20 MPH)	.00	.42	1.71	3.93	7.16	11.58	17.32	33.38	56.98

MAXIMUM POINT BLANK RANGE IS 310 YARDS. SET ZERO AT 265 YARDS.

VELOCITY FPS		3600	3398	3206	3022	2829	2643	2463	2114	1794
ENERGY FT-LB		1582	1410	1255	1115	977	853	741	546	393
DROP INCHES		.00	-.34	-1.44	-3.38	-6.27	-10.26	-15.48	-30.46	-53.28
BULLET PATH	(100 YDS)	-1.50	-.37	.00	-.47	-1.90	-4.41	-8.16	-20.20	-40.09
INCHES	(150 YDS)	-1.50	-.22	.31	.00	-1.27	-3.62	-7.22	-18.95	-38.52
(ZERO RANGE)	(200 YDS)	-1.50	.10	.95	.95	.00	-2.04	-5.32	-16.41	-35.35
	(250 YDS)	-1.50	.51	1.76	2.17	1.63	.00	-2.87	-13.15	-31.27
MPBR ZERO	(265 YDS)	-1.50	.64	2.04	2.58	2.18	.68	-2.06	-12.06	-29.91
WIND DRIFT	(10 MPH)	.00	.22	.88	2.03	3.72	6.04	9.05	17.51	29.95
INCHES	(20 MPH)	.00	.43	1.76	4.06	7.44	12.08	18.10	35.01	59.91

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POINT BLANK RANGE COMPUTED FOR 2.5 INCHES ABOVE AND BELOW LINE OF SIGHT

RANGE	YARDS	MUZZLE	50	100	150	200	250	300	400	500
MAXIMUM POINT BLANK RANGE IS 300 YARDS. SET ZERO AT 255 YARDS.										
VELOCITY FPS		3500	3303	3115	2928	2737	2554	2377	2033	1720
ENERGY FT-LB		1495	1332	1185	1047	915	796	690	504	361
DROP INCHES		.00	-.36	-1.52	-3.58	-6.65	-10.88	-16.44	-32.44	-56.93
BULLET PATH	(100 YDS)	-1.50	-.35	.00	-.54	-2.10	-4.82	-8.87	-21.85	-43.32
INCHES	(150 YDS)	-1.50	-.17	.36	.00	-1.38	-3.92	-7.79	-20.40	-41.50
(ZERO RANGE)	(200 YDS)	-1.50	.17	1.05	1.03	.00	-2.19	-5.72	-17.65	-38.06
	(250 YDS)	-1.50	.61	1.93	2.35	1.75	.00	-3.09	-14.14	-33.67
MPBR ZERO	(255 YDS)	-1.50	.66	2.03	2.49	1.95	.24	-2.80	-13.75	-33.19
WIND DRIFT	(10 MPH)	.00	.22	.91	2.10	3.88	6.32	9.49	18.42	31.57
INCHES	(20 MPH)	.00	.44	1.82	4.20	7.77	12.65	18.98	36.84	63.15

MAXIMUM POINT BLANK RANGE IS 290 YARDS. SET ZERO AT 250 YARDS.

VELOCITY FPS		3400	3207	3024	2831	2644	2465	2288	1951	1648
ENERGY FT-LB		1411	1256	1116	979	854	742	639	465	331
DROP INCHES		.00	-.39	-1.61	-3.80	-7.06	-11.57	-17.51	-34.66	-61.02
BULLET PATH	(100 YDS)	-1.50	-.33	.00	-.62	-2.33	-5.29	-9.67	-23.70	-46.95
INCHES	(150 YDS)	-1.50	-.12	.42	.00	-1.50	-4.25	-8.42	-22.04	-44.87
(ZERO RANGE)	(200 YDS)	-1.50	.26	1.17	1.13	.00	-2.37	-6.17	-19.04	-41.11
	(250 YDS)	-1.50	.73	2.11	2.55	1.90	.00	-3.33	-15.24	-36.38
MPBR ZERO	(250 YDS)	-1.50	.73	2.11	2.55	1.90	.00	-3.33	-15.24	-36.38
WIND DRIFT	(10 MPH)	.00	.23	.94	2.20	4.08	6.65	10.00	19.46	33.38
INCHES	(20 MPH)	.00	.46	1.88	4.39	8.16	13.31	20.00	38.91	66.76

MAXIMUM POINT BLANK RANGE IS 280 YARDS. SET ZERO AT 240 YARDS.

VELOCITY FPS		3300	3112	2925	2734	2551	2374	2199	1870	1576
ENERGY FT-LB		1329	1182	1044	913	794	688	590	427	303
DROP INCHES		.00	-.41	-1.72	-4.04	-7.52	-12.35	-18.71	-37.15	-65.63
BULLET PATH	(100 YDS)	-1.50	-.30	.00	-.72	-2.59	-5.81	-10.57	-25.79	-51.05
INCHES	(150 YDS)	-1.50	-.06	.48	.00	-1.64	-4.62	-9.14	-23.88	-48.66
(ZERO RANGE)	(200 YDS)	-1.50	.35	1.30	1.23	.00	-2.57	-6.68	-20.60	-44.56
	(250 YDS)	-1.50	.86	2.32	2.77	2.05	.00	-3.60	-16.50	-39.43
MPBR ZERO	(240 YDS)	-1.50	.75	2.10	2.44	1.61	-.55	-4.25	-17.38	-40.53
WIND DRIFT	(10 MPH)	.00	.24	.98	2.32	4.31	7.03	10.59	20.63	35.40
INCHES	(20 MPH)	.00	.48	1.96	4.63	8.62	14.07	21.17	41.25	70.79

MAXIMUM POINT BLANK RANGE IS 275 YARDS. SET ZERO AT 235 YARDS.

VELOCITY FPS		3200	3016	2823	2637	2457	2281	2109	1789	1506
ENERGY FT-LB		1250	1111	973	849	737	635	543	390	277
DROP INCHES		.00	-.43	-1.83	-4.31	-8.04	-13.22	-20.06	-39.97	-70.84
BULLET PATH	(100 YDS)	-1.50	-.27	.00	-.82	-2.89	-6.40	-11.58	-28.16	-55.70
INCHES	(150 YDS)	-1.50	.00	.55	.00	-1.80	-5.03	-9.94	-25.97	-52.97
(ZERO RANGE)	(200 YDS)	-1.50	.45	1.44	1.35	.00	-2.79	-7.25	-22.38	-48.48
	(250 YDS)	-1.50	1.01	2.56	3.02	2.23	.00	-3.90	-17.92	-42.90
MPBR ZERO	(235 YDS)	-1.50	.83	2.21	2.49	1.52	-.89	-4.97	-19.34	-44.67
WIND DRIFT	(10 MPH)	.00	.25	1.04	2.47	4.59	7.48	11.27	21.96	37.65
INCHES	(20 MPH)	.00	.50	2.08	4.93	9.17	14.96	22.53	43.91	75.30

MAXIMUM POINT BLANK RANGE IS 265 YARDS. SET ZERO AT 225 YARDS.

VELOCITY FPS		3100	2912	2722	2539	2363	2187	2019	1708	1437
ENERGY FT-LB		1173	1035	904	787	681	584	498	356	252
DROP INCHES		.00	-.46	-1.95	-4.62	-8.63	-14.20	-21.59	-43.14	-76.72
BULLET PATH	(100 YDS)	-1.50	-.24	.00	-.94	-3.22	-7.06	-12.72	-30.83	-60.95
INCHES	(150 YDS)	-1.50	.07	.62	.00	-1.97	-5.50	-10.85	-28.33	-57.83
(ZERO RANGE)	(200 YDS)	-1.50	.57	1.61	1.48	.00	-3.04	-7.89	-24.39	-52.90
	(250 YDS)	-1.50	1.18	2.83	3.30	2.43	.00	-4.25	-19.53	-46.83
MPBR ZERO	(225 YDS)	-1.50	.86	2.19	2.35	1.16	-1.58	-6.15	-22.06	-49.99
WIND DRIFT	(10 MPH)	.00	.26	1.12	2.65	4.90	8.00	12.04	23.44	40.13
INCHES	(20 MPH)	.00	.53	2.25	5.29	9.81	16.00	24.08	46.88	80.26

MAXIMUM POINT BLANK RANGE IS 260 YARDS. SET ZERO AT 220 YARDS.

VELOCITY FPS		3000	2805	2620	2441	2264	2093	1930	1629	1371
ENERGY FT-LB		1098	961	838	727	626	535	454	324	229
DROP INCHES		.00	-.50	-2.10	-4.97	-9.30	-15.32	-23.34	-46.79	-83.48
BULLET PATH	(100 YDS)	-1.50	-.20	.00	-1.07	-3.60	-7.82	-14.03	-33.89	-66.98
INCHES	(150 YDS)	-1.50	.16	.71	.00	-2.17	-6.04	-11.89	-31.04	-63.41
(ZERO RANGE)	(200 YDS)	-1.50	.70	1.80	1.63	.00	-3.33	-8.64	-26.69	-57.98
	(250 YDS)	-1.50	1.37	3.13	3.62	2.66	.00	-4.65	-21.37	-51.33
MPBR ZERO	(220 YDS)	-1.50	.95	2.30	2.39	1.01	-2.06	-7.12	-24.67	-55.45
WIND DRIFT	(10 MPH)	.00	.30	1.24	2.88	5.30	8.62	12.96	25.15	42.93
INCHES	(20 MPH)	.00	.60	2.47	5.75	10.60	17.25	25.91	50.30	85.85

RANGE	YARDS	MUZZLE	50	100	150	200	250	300	400	500
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MAXIMUM POINT BLANK RANGE IS 250 YARDS. SET ZERO AT 215 YARDS.

VELOCITY FPS		2900	2710	2528	2351	2176	2009	1850	1558	1314
ENERGY FT-LB		1026	896	780	675	578	493	417	296	210
DROP INCHES		.00	-.53	-2.25	-5.33	-9.98	-16.47	-25.11	-50.50	-90.33
BULLET PATH	(100 YDS)	-1.50	-.16	.00	-1.20	-3.98	-8.59	-15.36	-37.00	-73.08
INCHES	(150 YDS)	-1.50	.24	.80	.00	-2.38	-6.59	-12.96	-33.79	-69.07
(ZERO RANGE)	(200 YDS)	-1.50	.84	1.99	1.78	.00	-3.62	-9.39	-29.04	-63.13
	(250 YDS)	-1.50	1.56	3.44	3.95	2.89	.00	-5.05	-23.25	-55.90
MPBR ZERO	(215 YDS)	-1.50	1.04	2.40	2.40	.82	-2.60	-8.16	-27.40	-61.09
WIND DRIFT	(10 MPH)	.00	.31	1.30	3.02	5.58	9.10	13.69	26.60	45.35
INCHES	(20 MPH)	.00	.63	2.59	6.03	11.16	18.21	27.39	53.20	90.70

MAXIMUM POINT BLANK RANGE IS 240 YARDS. SET ZERO AT 205 YARDS.

VELOCITY FPS		2800	2614	2436	2259	2088	1925	1770	1490	1260
ENERGY FT-LB		957	834	724	623	532	452	382	271	193
DROP INCHES		.00	-.57	-2.42	-5.73	-10.74	-17.75	-27.11	-54.68	-98.05
BULLET PATH	(100 YDS)	-1.50	-.11	.00	-1.35	-4.41	-9.46	-16.86	-40.51	-79.96
INCHES	(150 YDS)	-1.50	.34	.90	.00	-2.61	-7.21	-14.16	-36.91	-75.46
(ZERO RANGE)	(200 YDS)	-1.50	.99	2.20	1.95	.00	-3.95	-10.25	-31.69	-68.94
	(250 YDS)	-1.50	1.78	3.78	4.32	3.16	.00	-5.51	-25.37	-61.04
MPBR ZERO	(205 YDS)	-1.50	1.06	2.35	2.17	.29	-3.58	-9.81	-31.11	-68.21
WIND DRIFT	(10 MPH)	.00	.33	1.36	3.18	5.91	9.64	14.52	28.20	47.97
INCHES	(20 MPH)	.00	.66	2.72	6.37	11.81	19.29	29.03	56.40	95.93

MAXIMUM POINT BLANK RANGE IS 235 YARDS. SET ZERO AT 200 YARDS.

VELOCITY FPS		2700	2518	2341	2167	2000	1841	1691	1423	1209
ENERGY FT-LB		890	774	669	573	488	414	349	247	178
DROP INCHES		.00	-.62	-2.60	-6.18	-11.60	-19.21	-29.38	-59.42	-106.77
BULLET PATH	(100 YDS)	-1.50	-.06	.00	-1.52	-4.90	-10.45	-18.57	-44.51	-87.75
INCHES	(150 YDS)	-1.50	.44	1.02	.00	-2.87	-7.91	-15.52	-40.45	-82.68
(ZERO RANGE)	(200 YDS)	-1.50	1.16	2.45	2.15	.00	-4.33	-11.22	-34.71	-75.51
	(250 YDS)	-1.50	2.03	4.18	4.75	3.46	.00	-6.03	-27.79	-66.85
MPBR ZERO	(200 YDS)	-1.50	1.16	2.45	2.15	.00	-4.33	-11.22	-34.71	-75.51
WIND DRIFT	(10 MPH)	.00	.35	1.44	3.38	6.28	10.26	15.44	29.96	50.77
INCHES	(20 MPH)	.00	.69	2.87	6.76	12.56	20.52	30.88	59.92	101.55

MAXIMUM POINT BLANK RANGE IS 225 YARDS. SET ZERO AT 190 YARDS.

VELOCITY FPS		2600	2422	2245	2075	1912	1758	1613	1358	1162
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ENERGY FT-LB		825	716	615	525	446	377	318	225	165
DROP INCHES		.00	-.66	-2.81	-6.69	-12.58	-20.85	-31.94	-64.79	-116.58
BULLET PATH	(100 YDS)	-1.50	-.01	.00	-1.72	-5.45	-11.57	-20.50	-49.03	-96.52
INCHES	(150 YDS)	-1.50	.56	1.14	.00	-3.17	-8.71	-17.07	-44.46	-90.79
(ZERO RANGE)	(200 YDS)	-1.50	1.36	2.73	2.37	.00	-4.75	-12.32	-38.13	-82.88
	(250 YDS)	-1.50	2.31	4.63	5.23	3.80	.00	-6.62	-30.52	-73.37
MPBR ZERO	(190 YDS)	-1.50	1.18	2.38	1.86	-.69	-5.61	-13.35	-39.50	-84.60
WIND DRIFT	(10 MPH)	.00	.37	1.53	3.60	6.70	10.95	16.47	31.87	53.72
INCHES	(20 MPH)	.00	.73	3.06	7.21	13.40	21.89	32.93	63.75	107.44

MAXIMUM POINT BLANK RANGE IS 220 YARDS. SET ZERO AT 185 YARDS.

VELOCITY FPS		2500	2323	2149	1983	1825	1676	1537	1297	1120
ENERGY FT-LB		763	659	564	480	406	343	288	205	153
DROP INCHES		.00	-.72	-3.05	-7.27	-13.70	-22.74	-34.87	-70.90	-127.68
BULLET PATH	(100 YDS)	-1.50	.06	.00	-1.94	-6.09	-12.86	-22.72	-54.19	-106.42
INCHES	(150 YDS)	-1.50	.70	1.29	.00	-3.51	-9.62	-18.84	-49.02	-99.95
(ZERO RANGE)	(200 YDS)	-1.50	1.58	3.05	2.63	.00	-5.24	-13.58	-42.01	-91.19
	(250 YDS)	-1.50	2.63	5.14	5.77	4.19	.00	-7.29	-33.62	-80.71
MPBR ZERO	(185 YDS)	-1.50	1.30	2.48	1.78	-1.13	-6.65	-15.27	-44.26	-94.01
WIND DRIFT	(10 MPH)	.00	.39	1.64	3.87	7.19	11.72	17.61	33.95	56.81
INCHES	(20 MPH)	.00	.78	3.29	7.74	14.37	23.44	35.22	67.90	113.61

MAXIMUM POINT BLANK RANGE IS 205 YARDS. SET ZERO AT 175 YARDS.

VELOCITY FPS		2400	2223	2053	1892	1739	1595	1463	1239	1083
ENERGY FT-LB		703	603	515	437	369	310	261	187	143
DROP INCHES		.00	-.78	-3.33	-7.93	-14.97	-24.89	-38.23	-77.85	-140.15
BULLET PATH	(100 YDS)	-1.50	.13	.00	-2.19	-6.82	-14.32	-25.24	-60.04	-117.52
INCHES	(150 YDS)	-1.50	.86	1.46	.00	-3.89	-10.66	-20.86	-54.19	-110.20
(ZERO RANGE)	(200 YDS)	-1.50	1.83	3.41	2.92	.00	-5.80	-15.02	-46.41	-100.47
	(250 YDS)	-1.50	2.99	5.73	6.40	4.64	.00	-8.06	-37.13	-88.87
MPBR ZERO	(175 YDS)	-1.50	1.32	2.39	1.39	-2.05	-8.35	-18.08	-50.50	-105.58
WIND DRIFT	(10 MPH)	.00	.43	1.78	4.18	7.73	12.58	18.86	36.17	59.94
INCHES	(20 MPH)	.00	.86	3.57	8.36	15.46	25.17	37.73	72.33	119.88

.224 Dia., 55 Gr. FMJBT

POINT BLANK RANGE COMPUTED FOR 2.5 INCHES ABOVE AND BELOW LINE OF SIGHT

RANGE	YARDS	MUZZLE	50	100	150	200	250	300	400	500
MAXIMUM POINT BLANK RANGE IS 200 YARDS. SET ZERO AT 170 YARDS.										
VELOCITY FPS		2300	2127	1962	1805	1657	1520	1394	1188	1051
ENERGY FT-LB		645	552	470	397	335	282	237	172	134
DROP INCHES		.00	-.85	-3.63	-8.67	-16.38	-27.25	-41.90	-85.43	-153.56
BULLET PATH	(100 YDS)	-1.50	.21	.00	-2.47	-7.62	-15.93	-28.01	-66.40	-129.41
INCHES	(150 YDS)	-1.50	1.04	1.65	.00	-4.32	-11.81	-23.07	-59.81	-121.17
(ZERO RANGE)	(200 YDS)	-1.50	2.12	3.81	3.24	.00	-6.41	-16.59	-51.17	-110.37
	(250 YDS)	-1.50	3.40	6.37	7.08	5.13	.00	-8.90	-40.92	-97.56
MPBR ZERO	(170 YDS)	-1.50	1.44	2.46	1.22	-2.69	-9.77	-20.63	-56.56	-117.10
WIND DRIFT	(10 MPH)	.00	.46	1.90	4.45	8.24	13.39	20.05	38.24	62.73
INCHES	(20 MPH)	.00	.91	3.80	8.90	16.47	26.79	40.11	76.47	125.46

MAXIMUM POINT BLANK RANGE IS 195 YARDS. SET ZERO AT 165 YARDS.

VELOCITY FPS		2200	2031	1871	1719	1577	1446	1329	1142	1022
ENERGY FT-LB		590	503	427	360	303	255	215	159	127
DROP INCHES		.00	-.93	-3.98	-9.51	-17.98	-29.96	-46.10	-94.00	-168.50
BULLET PATH	(100 YDS)	-1.50	.30	.00	-2.79	-8.53	-17.76	-31.16	-73.59	-142.61
INCHES	(150 YDS)	-1.50	1.23	1.86	.00	-4.80	-13.11	-25.58	-66.15	-133.31
(ZERO RANGE)	(200 YDS)	-1.50	2.44	4.26	3.60	.00	-7.11	-18.37	-56.54	-121.30
	(250 YDS)	-1.50	3.86	7.10	7.87	5.68	.00	-9.85	-45.17	-107.08
MPBR ZERO	(165 YDS)	-1.50	1.57	2.53	1.01	-3.46	-11.43	-23.56	-63.46	-129.95
WIND DRIFT	(10 MPH)	.00	.49	2.03	4.75	8.78	14.27	21.32	40.33	65.40
INCHES	(20 MPH)	.00	.98	4.06	9.50	17.57	28.53	42.63	80.67	130.80

MAXIMUM POINT BLANK RANGE IS 185 YARDS. SET ZERO AT 155 YARDS.

VELOCITY FPS		2100	1936	1780	1634	1499	1375	1266	1100	995
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ENERGY FT-LB		538	457	387	326	274	231	196	147	121
DROP INCHES		.00	-1.03	-4.38	-10.47	-19.82	-33.06	-50.88	103.68	-185.08
BULLET PATH	(100 YDS)	-1.50	.41	.00	-3.16	-9.57	-19.87	-34.76	-81.67	-157.20
INCHES	(150 YDS)	-1.50	1.46	2.10	.00	-5.36	-14.61	-28.44	-73.26	-146.68
(ZERO RANGE)	(200 YDS)	-1.50	2.80	4.78	4.02	.00	-7.90	-20.40	-62.53	-133.27
	(250 YDS)	-1.50	4.38	7.95	8.76	6.32	.00	-10.92	-49.89	-117.47
MPBR ZERO	(155 YDS)	-1.50	1.59	2.35	.37	-4.87	-13.99	-27.71	-72.28	-145.45
WIND DRIFT	(10 MPH)	.00	.52	2.17	5.08	9.37	15.19	22.63	42.40	67.86
INCHES	(20 MPH)	.00	1.04	4.34	10.15	18.75	30.39	45.27	84.80	135.72

MAXIMUM POINT BLANK RANGE IS 175 YARDS. SET ZERO AT 150 YARDS.

VELOCITY FPS		2000	1841	1691	1551	1422	1308	1209	1063	971
ENERGY FT-LB		488	413	349	293	247	208	178	138	115
DROP INCHES		.00	-1.13	-4.84	-11.58	-21.95	-36.62	-56.37	114.59	-203.43
BULLET PATH	(100 YDS)	-1.50	.53	.00	-3.58	-10.78	-22.28	-38.86	-90.75	-173.25
INCHES	(150 YDS)	-1.50	1.73	2.38	.00	-6.01	-16.32	-31.71	-81.21	-161.33
(ZERO RANGE)	(200 YDS)	-1.50	3.23	5.39	4.51	.00	-8.81	-22.70	-69.19	-146.31
	(250 YDS)	-1.50	4.99	8.91	9.79	7.05	.00	-12.13	-55.10	-128.69
MPBR ZERO	(150 YDS)	-1.50	1.73	2.38	.00	-6.01	-16.32	-31.71	-81.21	-161.33
WIND DRIFT	(10 MPH)	.00	.56	2.32	5.43	10.00	16.17	23.98	44.34	70.03
INCHES	(20 MPH)	.00	1.12	4.64	10.85	20.01	32.33	47.95	88.68	140.06

MAXIMUM POINT BLANK RANGE IS 170 YARDS. SET ZERO AT 145 YARDS.

VELOCITY FPS		1900	1746	1602	1469	1349	1244	1156	1031	948
ENERGY FT-LB		440	372	313	263	222	189	163	129	109
DROP INCHES		.00	-1.26	-5.37	-12.87	-24.41	-40.72	-62.65	126.86	-223.68
BULLET PATH	(100 YDS)	-1.50	.68	.00	-4.07	-12.17	-25.05	-43.54	100.88	-190.83
INCHES	(150 YDS)	-1.50	2.03	2.71	.00	-6.75	-18.27	-35.41	-90.03	-177.27
(ZERO RANGE)	(200 YDS)	-1.50	3.72	6.09	5.06	.00	-9.83	-25.29	-76.54	-160.40
	(250 YDS)	-1.50	5.69	10.02	10.96	7.87	.00	-13.49	-60.80	-140.74
MPBR ZERO	(145 YDS)	-1.50	1.88	2.41	-.46	-7.36	-19.03	-36.32	-91.25	-178.80
WIND DRIFT	(10 MPH)	.00	.60	2.49	5.80	10.66	17.15	25.29	46.06	71.80
INCHES	(20 MPH)	.00	1.20	4.98	11.60	21.32	34.30	50.58	92.12	143.59

MAXIMUM POINT BLANK RANGE IS 160 YARDS. SET ZERO AT 135 YARDS.

VELOCITY FPS		1800	1652	1515	1390	1279	1185	1109	1001	926
ENERGY FT-LB		395	333	280	236	200	171	150	122	104
DROP INCHES		.00	-1.40	-5.99	-14.38	-27.27	-45.47	-69.84	140.59	-245.94
BULLET PATH	(100 YDS)	-1.50	.84	.00	-4.64	-13.78	-28.23	-48.86	112.12	-209.97
INCHES	(150 YDS)	-1.50	2.39	3.09	.00	-7.59	-20.50	-39.58	-99.74	-194.50
(ZERO RANGE)	(200 YDS)	-1.50	4.29	6.89	5.69	.00	-11.01	-28.19	-84.56	-175.52
	(250 YDS)	-1.50	6.49	11.29	12.30	8.80	.00	-14.99	-66.95	-153.51
MPBR ZERO	(135 YDS)	-1.50	1.88	2.08	-1.52	-9.62	-23.03	-42.62	103.79	-199.56
WIND DRIFT	(10 MPH)	.00	.64	2.66	6.19	11.32	18.11	26.49	47.44	73.05
INCHES	(20 MPH)	.00	1.29	5.32	12.38	22.64	36.22	52.98	94.88	146.10